

CONCORDIA UNIVERSITY

Faculty of Engineering

Minutes of Meeting No. 77.11

of the

Engineering Faculty Council

held

Friday, 11 November 1977

Present: M.N.S. Swamy (Chairman); Professors Antoniou, Fazio, Habashi, Joly, Krakow, Krantzberg, Lindsay, Mattar, Pekau, Ramamurthy, Russell, Sankar, Soda, Troitsky, Vidyasagar, Xistris, J. Bordan (Vice-Rector Academic); Z. Jirkowsky (Library representative); G. Milton (Registrar's representative); D. Gladstone, R. Kaufman, M. Lehay (Student representatives); Prof. J.C. Giguere (Secretary)

Visitors: C. Foster, T. Cameron, M. Bordan; Professors Ha, Lang, Guy, Marsh

Motion
77-11-1

1. Council unanimously adopted a motion to approve the published agenda with the addition of item
9.1 Student comments

Motion
77-11-2

2. Council unanimously adopted a motion to approve the minutes of meeting No. 77-9 with the following changes:
 1. M. Lehay to be listed among those present
 2. Item 9(a) to be added as follows:

Motion 77-9-6(a) Council defeated a motion to make the quorum the full membership of the committee.

Motion
77-11-3

3. Council unanimously adopted a motion to approve the minutes of meeting No. 77-10 with the following change:

Item 5(a) to be added as follows:

Motion 77-10-2(a) Council defeated a motion to add Mr. Austin Stone's name to the graduation list.

4. Chairman's remarks

Chairman informed Council that the general meeting of faculty planned for this month had been delayed until January in the expectation that a new Chairman of Electrical Engineering will have been named by that time.

5. On 20 October 1977, Dr. E.A. Farag, who obtained the D.Eng. in Mechanical Engineering in 1971, received one of the Canadian Consultant Engineering awards 1977 for the Shawinigan Engineering Company on his project "The Modernization of the Deer Lake Power Plant, Newfoundland". The awards were presented by the Hon. Jack Horner.
6. The Standards Council of Canada will be meeting next Thursday at the Sheraton Mount Royal Hotel. Dr. Swamy will be moderator for one of the sessions.
7. Prof. Bordan noted that this was the 20th anniversary of the start of engineering education at Concordia.
8. Combined Programme in Building Engineering

The Secretary noted that Senate had approved the programme as proposed in Doc. 77-9-3 with the exception of the section on academic regulations. It was suggested at Senate that Council reconsider item 2(c) so that the grade requirements for courses taken at the 400 level and above be consistent with the Faculty's admission policies for graduate programmes. He noted that consistency with existing regulations for graduate programmes, and with entrance requirements for graduate programmes would be achieved if item 2(c) of the academic regulations were changed to replace B minus by B.

Motion
77-11-4

9. Council unanimously adopted a motion to recommend to Senate that the academic regulations for the combined programme in Building Engineering be as set out in Doc. 77-9-3, with item 2(c) being re-worded to read:

"...have obtained B or better in at least 3/4 of the courses registered for at the 400 level or above with no failures."

10. Proposed Branch in Building Structures

The Chairman noted that EGSC and the Executive Committee had debated at some length the possibility of adding a fourth branch to the M.Eng. (Building) programme in Building Structures. He noted that no new courses were proposed. He then invited Dr. Troitsky to make a statement on the subject.

Dr. Troitsky presented a proposition on behalf of the Civil Engineering Department which "would enable the Assistant Dean to meet the Calendar deadline with respect to the advertisements of the CBS programme." It is suggested that under the CBS section of the calendar, the following statement be included:

"For those who have a specific interest in Building Structures, the Centre also offers research opportunities in collaboration with the Department of Civil Engineering."

and that under the Civil Engineering section, a similar statement

be included:

"For those who have a specific interest in Building Structures, the Department of Civil Engineering also offers research opportunities in collaboration with the CBS."

Dr. Fazio welcomed Dr. Troitsky's statement, but suggested that the phrase "Building Structures" was too restrictive, and that the word "Structures" would be more appropriate.

In the ensuing debate, there emerged a consensus that Building Structures was an area of competence shared by Civil Engineering and the CBS. Some speakers supported Dr. Fazio's suggestion that the word "Structures" be used, while others felt that the area of "shared competence" was limited to "Building Structures".

Motion
77-11-5

11. Council considered a motion to introduce into the calendar a statement along the lines suggested by Dr. Troitsky which statement would emphasize that Building Structures is an area of competence and responsibility shared by Civil Engineering and CBS, it being understood that the final wording for the calendar was the responsibility of the Assistant Dean, who would consult with the Dean and Professors Fazio and Troitsky before finalizing calendar copy.

It was also noted by the Chairman that approval of Motion 77-11-5 implied that Council was recommending to BGS the addition of a fourth branch entitled "Building Structures" to the M.Eng (Building) programme. The core courses for this branch would be ENGR N651, N654 and N657.

12. Council approved Motion 77-11-5. (1 against; 1 recorded abstention).
13. Other curriculum changes

Dr. Pekau, Chairman of EGSC, drew Council's attention to Doc. 77-11-3, a summary of proposed curriculum changes as recommended by EGSC.

Motion
77-11-6
Motion
77-11-7

14. Council considered a motion to approve item (1) of Doc. 77-11-3.
15. Council unanimously adopted a motion to amend Motion 77-11-6 by adding ENGR N790 - Topics in Engineering II, and modifying the title of ENGR N690 to read - Topics in Engineering I.
16. Council unanimously approved Motion 77-11-6 as amended by Motion 77-11-7.
17. It was agreed to consider item (2), course additions, under one topic area at a time.

Motion
77-11-8

18. Council unanimously adopted a motion to add courses as proposed under topic area: Electrical Power Engineering

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| Motion
77-11-9 | 19. Council unanimously adopted a motion to add courses as proposed under topic area: Thermodynamics and Heat Transfer. |
| Motion
77-11-10 | 20. Council unanimously adopted a motion to add courses as proposed under topic area: Fluid Control Systems. |
| Motion
77-11-11 | 21. Council unanimously adopted a motion to add courses as proposed under topic area: Machine Design and Production, subject to a change in the course description for MECH N645. |
| Motion
77-11-12 | 22. Council unanimously adopted a motion to add the course proposed under topic area: Dynamics and Vibrations of Mechanical Systems, it being understood that the course description for ENGR N633 will be subject to editorial modifications. |
| Motion
77-11-13 | 23. Council considered a motion to add the courses listed under topic area: "Water Resources". |
| | 24. It was suggested that perhaps these courses should first be tried out as slot courses. In response, it was noted that these would form an integral part of offerings in Water Resources, raising the number of courses under that topic area from 5 to 7. |
| | 25. In response to a question, the Chairman stated that no new resources were to be assigned for the teaching of these courses. |
| Motion
77-11-14 | 26. Council unanimously adopted a motion to amend Motion 77-11-13 by replacing in the description of CIVI N636 the phrase "recent developments" by Case studies. |
| | 27. Council unanimously adopted Motion 77-11-13 as amended by Motion 77-11-14. |
| Motion
77-11-15 | 28. Council considered a motion to add the courses proposed under the topic area: "Structural Engineering". |
| | 29. Several speakers noted that the course descriptions for these courses were unsatisfactory in that too many topics were mentioned, thus precluding an in-depth treatment of any of them. Further, some of the topics listed formed the basis of other courses in the graduate programmes. In response, Prof. Krantzberg stressed that the topics listed were all related to the design of industrial structures, and that the treatment of a given topic would depend on the background of the students taking the course. |
| Motion
77-11-16 | 30. Council agreed to table Motion 77-11-15 (10 in favour, 9 against). |
| Motion
77-11-17 | 31. Council unanimously agreed to adopt a motion to request EGSC to reconsider the disposition of these courses, and recommend to Council on the matter. |
| Motion
77-11-18 | 32. Council unanimously agreed to adopt a motion to add the course proposed under the topic area: Doctoral Seminar in Building Engineering. |

- Motion 77-11-19 33. Council considered a motion to approve changes in titles and prerequisites as listed in item 3 of Doc. 77-11-3.
- Motion 77-11-20 34. Council unanimously adopted a motion to amend Motion 77-11-19 by deleting the proposed title change for MECH N603.
35. Council unanimously adopted Motion 77-11-19 as amended by Motion 77-11-20.
- Motion 77-11-21 36. Council unanimously adopted a motion to approve changes in course descriptions as set out in item 4 of Doc. 77-11-3, subject to editorial modifications and corrections.
- Motion 77-11-22 37. Council unanimously adopted a motion to approve course deletions as set out in item 5 of Doc. 77-11-3.
38. Cheating and Plagiarism
- The Secretary drew Council's attention to Doc. 77-11-1, procedures for invigilation in mid-term examinations, as approved by Council at its last meeting.
39. The Chairman welcomed Ms Carol Foster, Director of Examinations, and invited her to present Council with her suggestions on how invigilation during final examinations could be improved.
- Ms Foster drew Council's attention to Doc. 77-11-4, her response to the proposal of the ad hoc committee on honourable conduct (Doc. 77-5-2). She went on to stress that the adoption of various procedures would be valueless if the Faculty was unwilling to back up the Examinations Office.
- In response, the Chairman noted that the Faculty took a dim view of cheating and was willing to do everything possible to help the Examinations Office. He also indicated the importance of gathering evidence when a charge of cheating was to be laid.
- As an example, the Assistant Dean suggested that when a charge was to be laid for talking during an examination, the names of other students close by could be noted down so that these could be called as witnesses.
40. It was noted that new legislation governing cheating and plagiarism was currently before Senate. It was suggested that Council should convey to Senate in a forceful manner its belief that cheating is a serious offence. To this end, Council adopted the following motion:
- Motion 77-11-23 41. Council adopted a motion to recommend to Senate that the sole penalty for cheating be expulsion from the University (1 opposed).

42. Library loans policy

Prof. Mattar noted that the Senate Library Committee was proposing a change in the existing loans policy for periodicals.

Motion
77-11-24

43. Council unanimously adopted a motion to table consideration of the proposed revision, and to ask the Faculty Library Committee to present its recommendations at the December meeting of Council.

44. Appointments

Motion
77-11-25

Council unanimously adopted a motion to appoint Prof. Xistris to the Senate Committee on Priorities and Resource Allocation until 31 May 1979.

45. Ad hoc committee on course evaluation

Mr. Gladstone tabled Doc. 77-11-5, a proposal for a revision of the mandate of this committee. The Secretary noted that his understanding of the Council's wish included items (a) and (b) of Doc. 77-11-5.

He will suggest to the Committee that it presents its report at the January meeting of Council. The question of implementation will be taken up once Council has considered the recommendations of the Committee.